

ABSTRACT SUBMISSION

**Topic No : 4**

**proposed topic :** Information Management System Construction of Oceanographic and Meterological System with Aids to Navigation

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ABSTRACT / RESUME:

<Information Management System Construction of Oceanographic and Meteorological System with Aids to Navigation>

In preparation for e-Navigation implementation, MOF will build Integrated Information Management Center which collect oceanographic, meteorological and AtoN information. The center will be connected to 11 Regional Office of Oceans and Fisheries through network. This system is the part of AtoN infrastructure on e-Navigation.

The integrated information management center will collect and distribute all of oceanographic and meteorological information from regional office, and enhance the reliability of information with QC(quality control). The system includes oceanographic and meteorological information service nationwide to support maritime activities with safety. The collected data will be sent to users via AIS, internet, mobile application, ARS, SMS, DID and Open API. This system can be used for vessel, leisure boat, fishing boat and even on the land.